



>>Entry Name: 1,2-Benzisoxazole-3-methanesulfonic acid, 9Cl



Molecular Formula: C₈H₇NO₄S

Molecular Weight: 213.214

Accurate Mass: 213.009579

Percentage Composition: C 45.07%; H 3.31%; N 6.57%; O 30.02%; S 15.04%

>>Derivative: NH₄ salt

CAS Registry Number: 81534-20-5

Physical Description: Cryst. (MeOH)

Melting Point: Mp 268-272°

>>Derivative: Amide

Synonym(s): Zonisamide, BAN, INN, USAN. 1,2-Benzisoxazole-3-methanesulfonamide, 9Cl. **Aleviatin**†. Excegran. Exegran. Exogran. Fenisoxine. AD 810. CI 912. PD 110843

CAS Registry Number: 68291-97-4

Molecular Formula: C₈H₈N₂O₃S

Molecular Weight: 212.229

Accurate Mass: 212.025563

Percentage Composition: C 45.28%; H 3.80%; N 13.20%; O 22.62%; S 15.11%

Use/Importance: Anticonvulsant, antiepileptic agent

Physical Description: Cryst. (EtOAc)

Development Status: Launched 1989

Melting Point: Mp 160-163°

Calculated Log P Data: Log P -0.36 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 1992 mg/kg. LD₅₀ (rat, ivn) 672 mg/kg. Exp. reprod. and teratogenic effects. Association with renal calculi has led to withdrawal from some clin. trials

References:

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